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It treats problems on blowing out electric arcs in the space between the separating contacts of the apparatus and cites instances of little-known laws. On the basis of experiments and theoretical computations, the laws are developed and methods suggested for improving the apparatus.

	<u>Page</u>
Preface	3
I. Velocity of Movement of an Electric Arc in Narrow Slots	7
A. Research Problems	7
B. Research Methods	9
1. General Description of Installation	9
2. Parts of Installation	11
3. Magnetic Field Acting on Arc	21
4. Influence of Observation Errors	22
C. Results of Research	24
1. Relationship Between Velocity of Arc and Size of the Slot	24
2. Relationship Between Velocity of Arc and Magnetic Field Intensity	37
3. Relationship Between Velocity of Arc and Amount of Current Being Switched Off	41
4. Resistance Encountered by Electric Arc During Movement in Narrow Slots	44

- 1 -

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50X1-HUM

	<u>Page</u>
D. Conclusions	49
II. Mathematical Analysis of Forces Moving the Arc in Narrow Slots	52
A. Research Problems	52
B. An Arc on the Slot's Axis of Symmetry Between Plates of Finite Thickness	54
C. An Arc Displaced From the Slot's Axis of Symmetry Between Plates of Finite Thickness.	55
D. Path of Movement of an Arc in Narrow Slots	66
E. Conclusions	70
III. Contact Construction for Low-Voltage Switchgear	71
A. Research Problems	71
B. Contacts With Slots	73
C. Comparative Tests of Contacts With and Without Slots	75
D. Conclusions	78
Bibliography	78
Appendix	80

- E N D -

- 2 -

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